



- NOTES:**
- EXCEPTION TO STANDARD SYMBOLS: ALL PIPING SHOWN ON THIS DIAGRAM TO BE VENDOR SUPPLIED UNLESS OTHERWISE NOTED. LIMIT OF OWNER SUPPLIED PIPING DENOTED BY OWNER.
 - OWNER PIPING TO BE ENGINEERED BY BECHTEL AND SUPPLIED BY GRINNELL.
 - POSITIONABLE COMPONENTS FOR THIS SYSTEM ARE SHOWN IN AN ACCEPTABLE LINE UP. THE ACTUAL FIELD LINE UP MAY VARY AND IS CONTROLLED BY PROCEDURES.
 - FOR GENERAL NOTES, PIPING, SYMBOLS AND P & ID INDEX SEE DRAWING M-001.
 - FOR INSTRUMENTATION SYMBOLS SEE DRAWING M-002.
 - DELETED
 - UNLESS OTHERWISE NOTED ALL DRAIN CONNECTIONS ARE 1/2" AND VENT CONNECTIONS ARE 3/4". LINE IDENT. SAME AS HEADER.
 - ALL LOCAL ALARMS TO ANNUNCIATOR TREATMENT SYSTEM TRBL EXCEPT AFTER VALVE LV-6601A ON DEMIN. WATER STORAGE TANK WHICH ARE TO ANNUN. WINDOW 0-990 UNIT DEMIN. PRI. WATER STORAGE TANK TRBL.
 - DELETED.
 - THE CONNECTIONS ARE FOR ISOLATION VALVES LEAK TEST.
 - FOR TYPICAL HEAT TRACING CIRCUIT, SEE PAID M-011 FOR HEAT TRACING INSTR. DETAIL. SEE THERMO DWG. 75-258A.
 - DELETED
 - THE ONLY VENT OR DRAIN LINE CAPS REQUIRED TO BE SHOWN ON PIPING AND INSTRUMENTATION DIAGRAMS ARE THOSE CONTROLLED UNDER DB-OP-0005 (FORMERLY AD1839.03). THE ACTUAL TERMINATION OF ALL OTHER VENTS OR DRAINS ARE NOT SHOWN AND INSTEAD, AN OPEN ENDED PIPE IS DISPLAYED.
 - FOR CHEMISTRY COMPUTER DATA ACQUISITION AND MANAGEMENT SYSTEM (CCDAMS) REFER TO DWG. E-926.
 - 1/4" THK. BLANK PLATE INSERTED BETWEEN FLANGES TO ISOLATE PRIMARY WATER FROM DEMIN. WATER SYSTEM. REFERENCE MOD 95-0055.
 - 1/4" THK. BLANK PLATE INSERTED BETWEEN FLANGES TO ISOLATE DEMIN. WATER SYSTEM FROM WASTE EVAPORATOR PIPING. REFERENCE MOD 95-0055.

LR NOTES:

A. FOR GENERAL LICENSE RENEWAL NOTES REFER TO LR-M001-01.

B. SEE DRAWING LR-M010D SHEET 1 (B-11) FOR CONTINUATION

LICENSE RENEWAL BOUNDARY DRAWING LR-M010D SHEET 2 REV.0

SYSTEMS SHOWN ON THIS DRAWING: 24: NONSAFETY AFFECTING SAFETY

BECHTEL ASSOCIATES PROFESSIONAL CORPORATION (OHIO)
 641 THE PRESIDENTS, MARYLAND
DAVIS-BESSE NUCLEAR POWER STATION UNIT NO. 1
 THE TOLEDO EDISON COMPANY

PIPING & INSTRUMENT DIAGRAM MAKE-UP WATER TREATMENT SYSTEM

JOB NO.	DRAWING NO.	REV.
12501	M-010	38

THIS DRAWING REV. 0 SUPERSEDES IN PART ENG. M-010B REV. 30. WORK THIS DWG. WITH M-010C.

DATE: 10-15-01 14 3044 6' SILE

10-17-01

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D-01